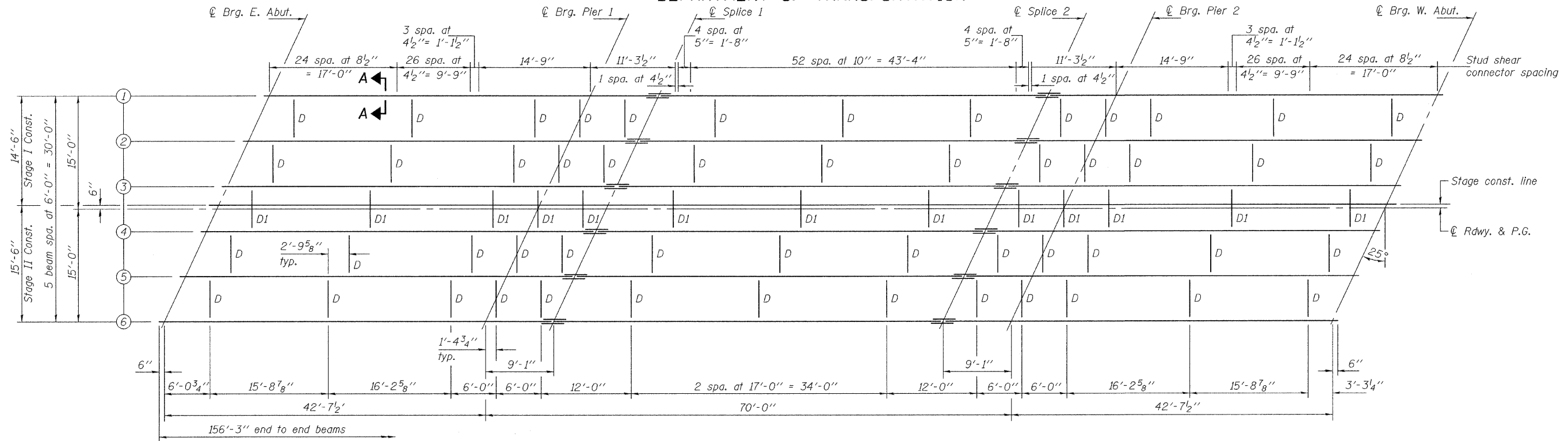


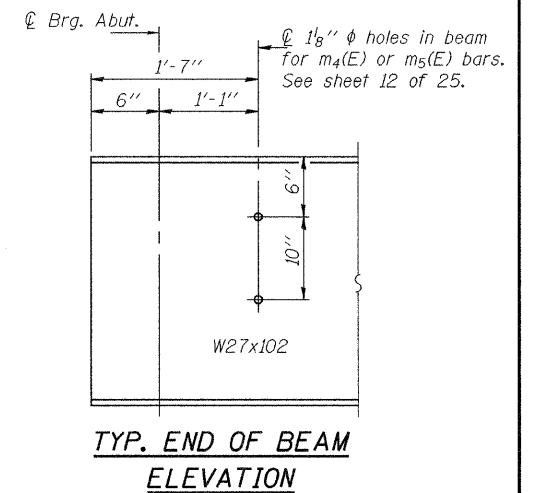
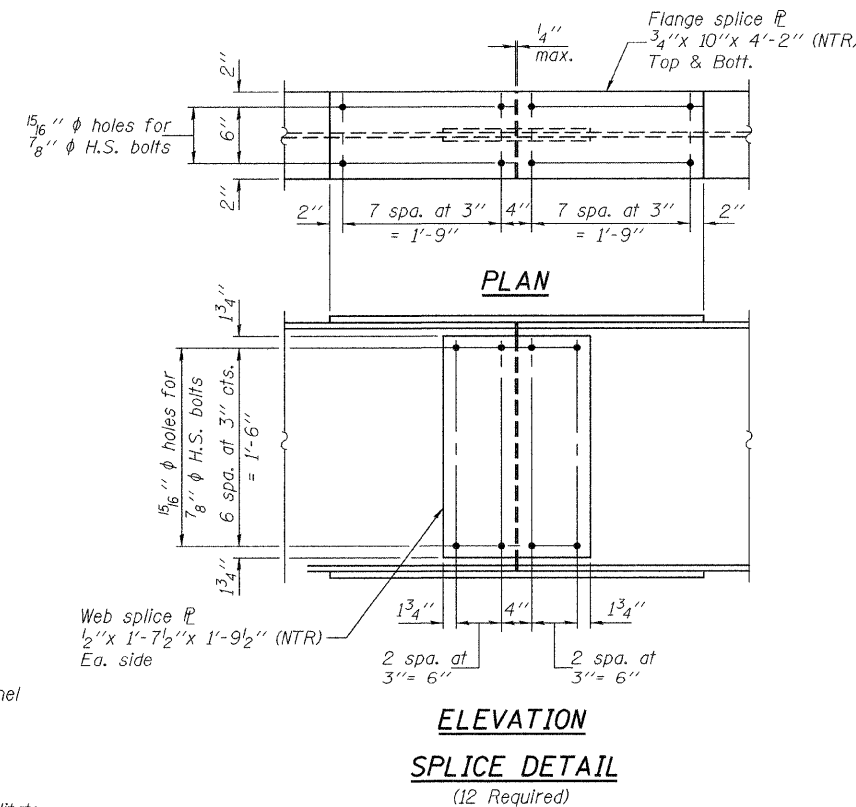
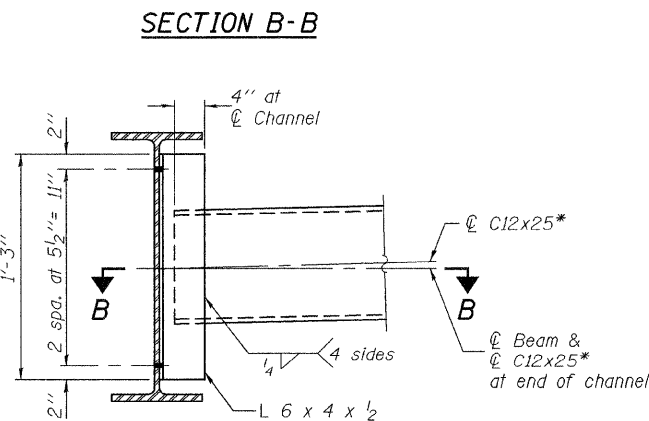
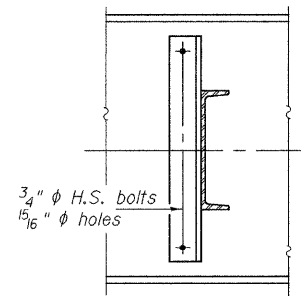
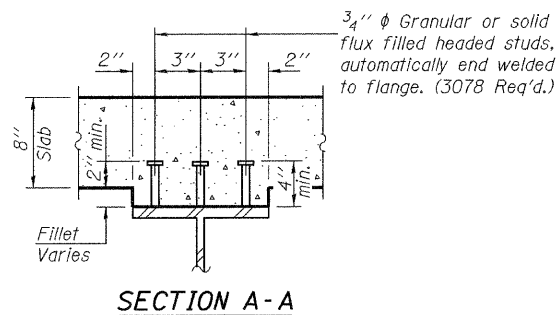
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN

(All beams are W27x102, NTR and AASHTO M 270 Grade 50)

Notes: Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2. All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods. Two hardened washers required for each set of oversized holes. See sheet 17 of 25 for diaphragm D1.



DESIGNED	Stephen M. Ryan
CHECKED	Jay D. Edwards
DRAWN	h.t. duong
CHECKED	SMR/JDE

EXAMINED	Thomas J. Damagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

Sep. 30, 2009

DIAPHRAGM D
(52 Required)

*Alternate channel C12x30 is permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section. The alternate, if utilized, shall be provided at no extra cost to the Department.

STRUCTURAL STEEL
STRUCTURE NO. 073-0037

SHEET NO. 16 25 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	865	16B-2	PERRY	47	38
CONTRACT NO. 78064					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					